



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 1:25 pm, Jan 28, 2015

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 078389	PRINTER SN 071.3383.132	DATE OF INSPECTION 01/27/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 4525 Downs Drive St. Joseph, MO 64507		TIME OF INSPECTION 7:47 am

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER RepCo Marketing Inc. LOT # 13002 EXP. DATE 06/19/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 3506 SIMULATOR EXP DATE 11/17/2015

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .100

TEST 2 .100

TEST 3 .101

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Instrument is operating within the limits set forth by the Missouri Department of Health and Senior Services. Solution provided by RepCo Marketing, Inc. .100 solution, Lot # 13002 expires 06/19/2015.

SIGNATURE

PRINT NAME  
J. Bench

TYPE IN RESULT NUMBER AND LOCATION DATA

TELEPHONE NUMBER

**CERTIFICATE OF ANALYSIS**

**MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.**

**LOT NUMBER: 13002**

**EXPIRATION DATE: June 19, 2015 at 11:59 p.m.**

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 13002 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1217 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/- 3% gms/210L Breath when heated to 34 Degrees Celsius +/- 0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is June 20, 2013  
The expiration date for this lot number is June 19, 2015 at  
11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Cecil B. Garner, President  
RepCo Marketing, Inc.

AS IV Serial no: 078389  
Version no: 532B

TEST RECORD 00063

Temp Date Time 210L

Air Blank:  
01/27/15 07:47 .000  
Calibration Check:  
26 01/27/15 07:47 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

4525 DEWIS DR.

St Joseph, MO 64507

AS IV Serial no: 078389  
Version no: 532B

TEST RECORD 00064

Temp Date Time 210L

Air Blank:  
01/27/15 07:50 .000  
Calibration Check:  
26 01/27/15 07:50 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

4525 DEWIS DR.

St Joseph, MO 64507

AS IV Serial no: 078389  
Version no: 532D

TEST RECORD 00065

Temp Date Time 210L

Air Blank:  
01/27/15 07:53 .000  
Calibration Check:  
27 01/27/15 07:53 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

4525 DEWIS DR.

St Joseph, MO 64507

AS IV Serial no: 078389  
Version no: 532D

TEST RECORD 00066

Temp Date Time 210L

Air Blank:  
01/27/15 07:53 .000  
Calibration Check:  
27 01/27/15 07:53 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

4525 DEWIS DR.

St Joseph, MO 64507



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

2

**PERMIT**  
**TYPE II**  
**JAMES E BENCH**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER**

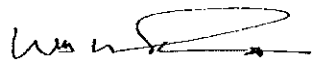
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

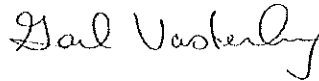
DATE 2/11/2014

NUMBER 240032

EXPIRES 2/11/2016

MO 580-0771 (6-10)

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R15-10)

	<b>STATE OF MISSOURI</b> <b>DEPARTMENT OF HEALTH AND SENIOR SERVICES</b> <b>BREATH ALCOHOL PROGRAM</b>
<b>INSTRUMENT OPERATOR CARD</b>	
<small>The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.</small>	
	
Operator <b>BENCH, JAMES</b>	
Permit No <b>240032</b>	
Date Issued <b>2/11/2014</b> Date Expires <b>2/11/2016</b>	